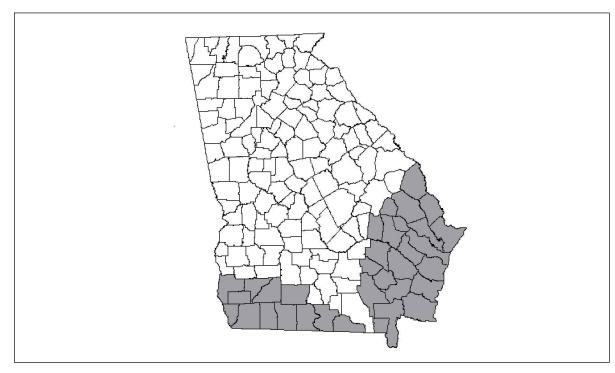
UNITED STATES DEPARTMENT OF AGRICULTURE **NATURAL RESOURCES CONSERVATION SERVICE**

GEORGIA STANDARD DRAWINGS - 20' WIDE, DEEP BIN, STAND **ALONE COMPOST FACILITY CONSTRUCTED WITH 6" X 6" POSTS**

- 1. THE FOLLOWING DRAWINGS WERE PREPARED IN ACCORDANCE WITH PRACTICE CODE 316 - ANIMAL MORTALITY FACILITY AND GEORGIA BUILDING CODE (INTERNATIONAL BUILDING CODE 2006).
- 2. DESIGN DATA REQUIRED BY IBC 2006:
 - A) ROOF LIVE LOAD 19 PSF.
 - B) BASIC WIND SPEED OF 90 MPH AND GROUND SNOW LOAD OF 10 PSF OR BASIC WIND SPEED OF 100 MPH AND NO SNOW LOAD.
 - C) IMPORTANCE FACTOR, I=0.87
 - D) WIND EXPOSURE CATEGORY C.
 - E) INTERNAL PRESSURE COEFFICIENT = 0.55
- 3. THIS DESIGN IS NOT INTENDED FOR USE IN EXTREME SOUTH AND EAST COUNTIES OF THE STATE THAT ARE SUBJECT TO HURRICANE WIND LOADS (SEE MAP BELOW).
- 4. THIS DESIGN IS NOT INTENDED FOR CONSTRUCTION ON AN ISOLATED HILL, RIDGE, OR ESCARPMENT IN ANY REGION OF THE STATE.
- 5. ANY CHANGES TO THESE DRAWINGS MUST BE APPROVED BY AN ENGINEER WITH JOB APPROVAL LEVEL IV OR GREATER.



THIS DESIGN IS NOT INTENDED FOR USE IN COUNTIES SUBJECT TO HURRICANE WIND LOADS SHADED GRAY ABOVE.

 COMPOST FACILITY
COUNTY, GEORGIA

PRE-CONSTRU	JCTION CI	ERTIFICATION:			
THE COMPOSTING FACILITY HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING DRAWINGS AND PRACTICE CODE 316. ALL CHANGES HAVE BEEN APPROVED BY AN ENGINEER WITH JOI APPROVAL AUTHORITY LEVEL IV OR GREATER. ALL ADDITIONS HAVE BEEN APPROVED BY NRCS.					TICE CODE WITH JOB
OWNER	DATE	NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE

AS-BUILT CERTIFICATION	<u>N</u> :		
THIS PRACTICE HAS BE PLANS AND MEETS NRC			
NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE

COMPOSTING FACILITY: JOB CLASS: __

INDEX TO DRAWINGS:

SHEET 1 - COVER SHEET

SHEET 2 -PLAN VIEW

ELEVATION VIEW FRONT VIEW GENERAL NOTES

SHEET 3 - ROOF FRAMING PLAN

SHEET 4 -GIRDER AND RAFTER TO POST CONNECTIONS HURRICANE STRAP HURRICANE CLIP

SHEET 5 -WOOD TREATMENT TABLE FIBER REINFORCED CONTRACTION JOINT CONCRETE POST FOOTING DETAIL MECHANICAL ANCHOR POST CONCRETE FOOTING DETAIL STANDARD BIN FRONT - TOP VIEW



	REVIS	IONS	
DATE	APPROVED	TITLE	
09/05	H MCFARLAND	STATE ENGINEER	
10/07	H MCFARLAND	STATE ENGINEER	
06/11	J HOLLOWAY	STATE ENGINEER	
07/13	D ROBERTS	ACTING STATE ENG	INE
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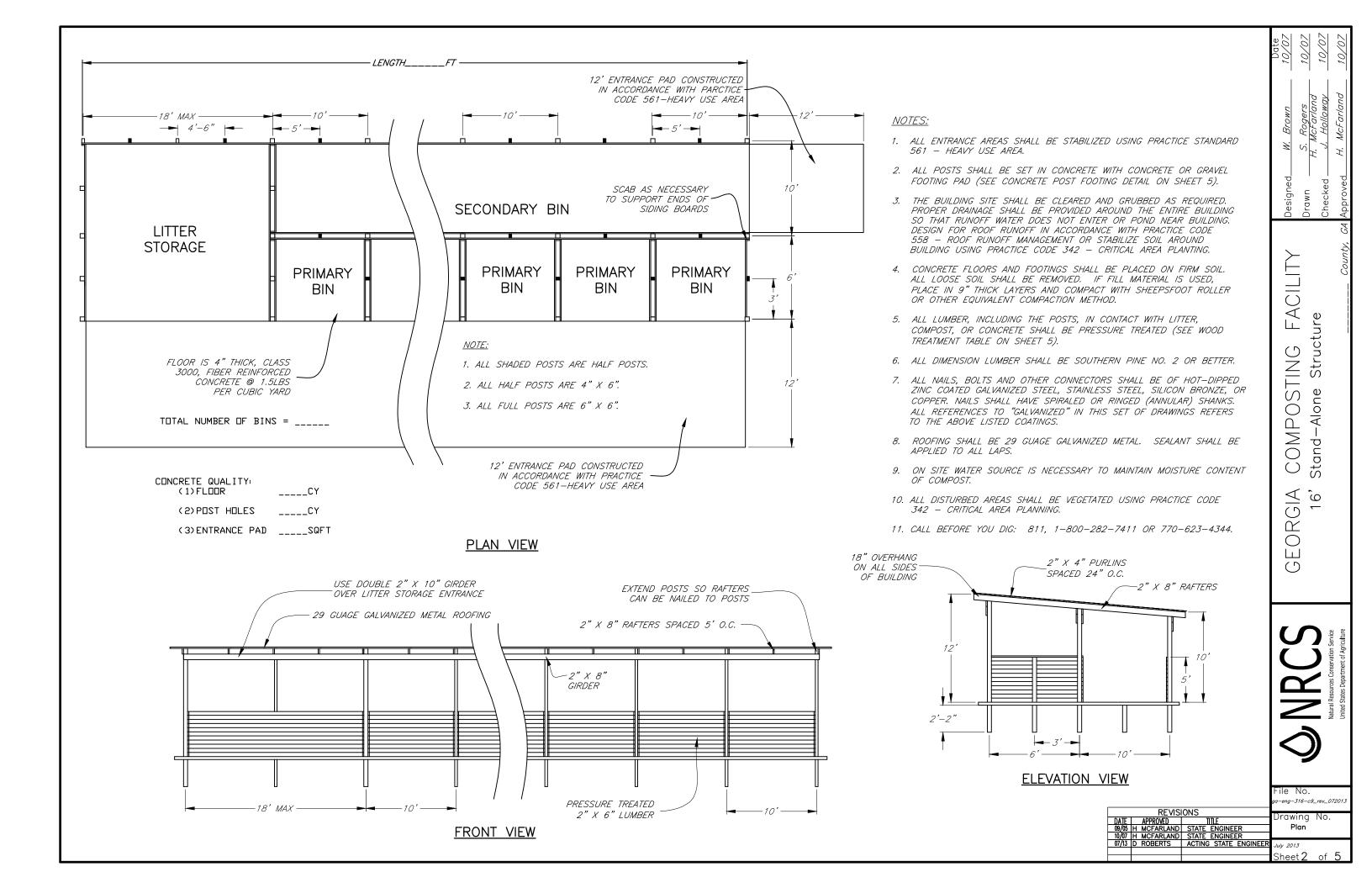
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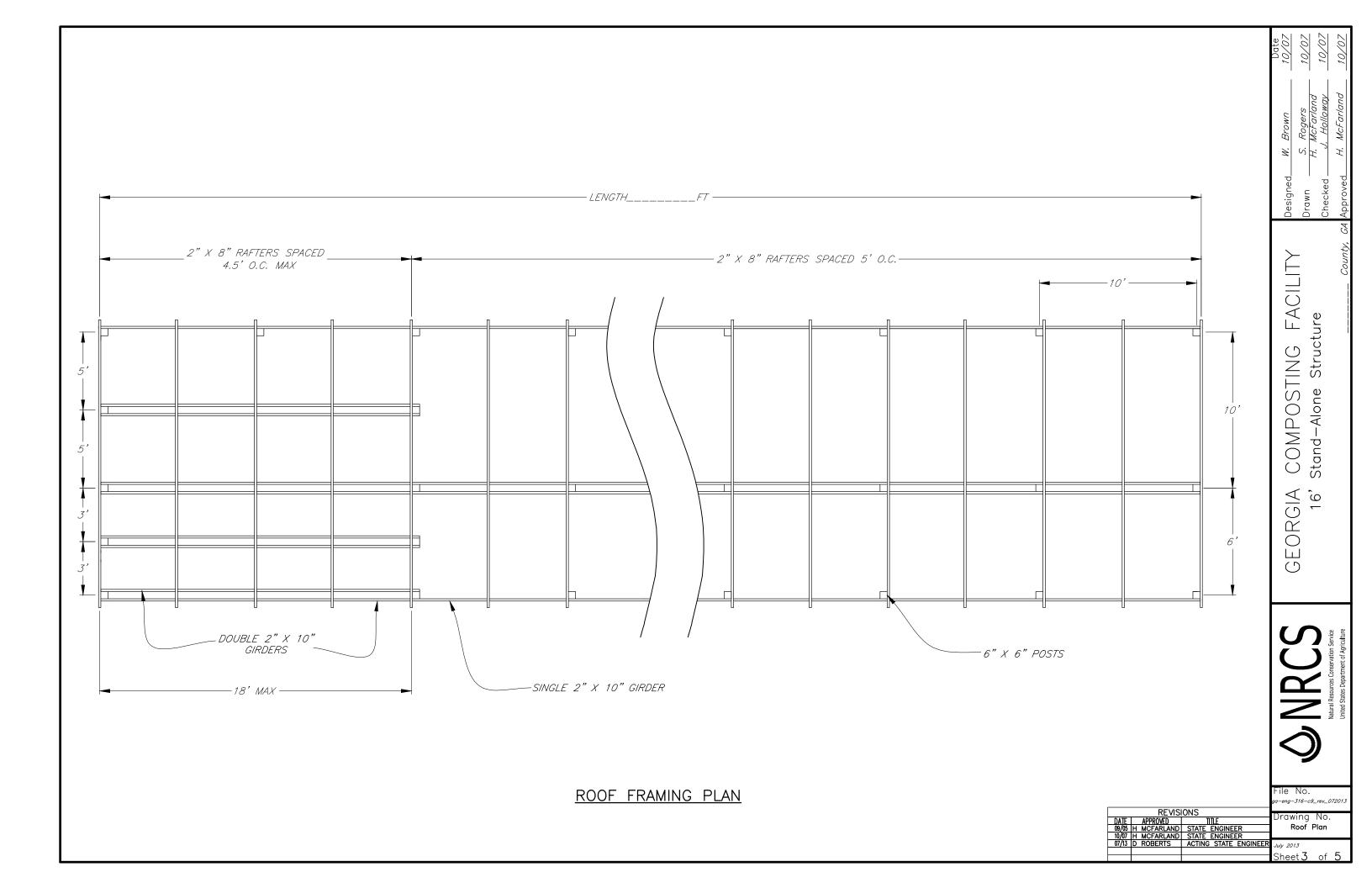
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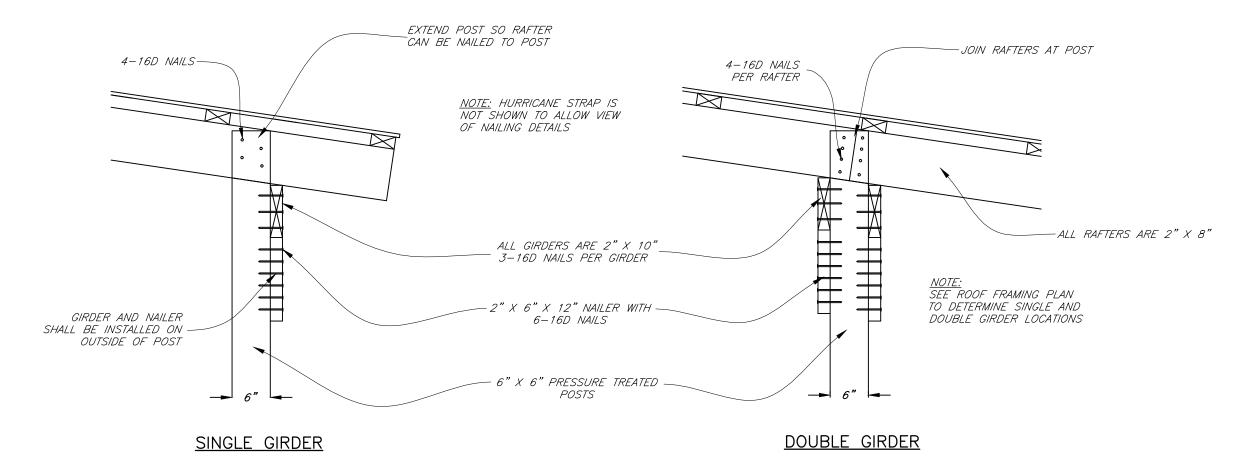
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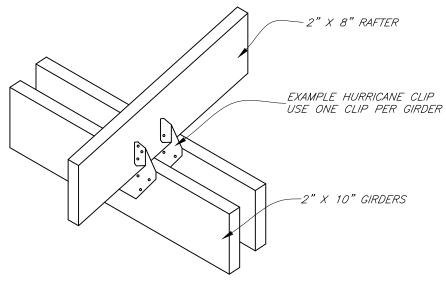
THE NATURAL RESOURCES CONSERVATION SERVICE HELPING PEOPLE HELP THE LAND.





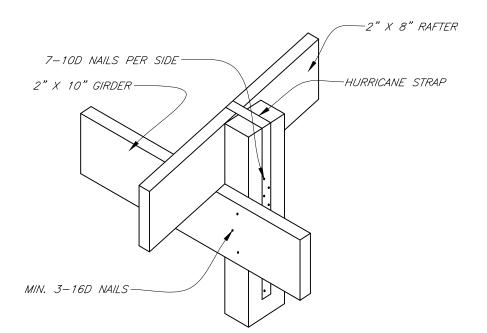


GIRDER AND RAFTER TO POST CONNECTIONS



NOTES:

- 1. MINIMUM UPLIFT RESISTANCE FOR HURRICANE STRAP IS 1077 LBS.
- 2. STRAP SHALL BE 2" OR WIDER. CENTER STRAP ON RAFTER TO RAFTER BUTT JOINTS ON CENTER POSTS.
- 3. USE MANUFACTURED HURRICANE CLIP FOR RAFTER TO GIRDER CONNECTIONS (WITHOUT POSTS). MINIMUM UPLIÈT RESISTANCE IS 392 LBS PER CLIP. AN EXAMPLE IS SHOWN AT LEFT. INSTALL ACCORDING TO MANUFACTURER'S SPECIFICATIONS.



HURRICANE STRAP (USE AT RAFTER TO GIRDER CONNECTIONS WITH POSTS)

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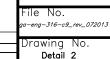
Detail 1

July 2013

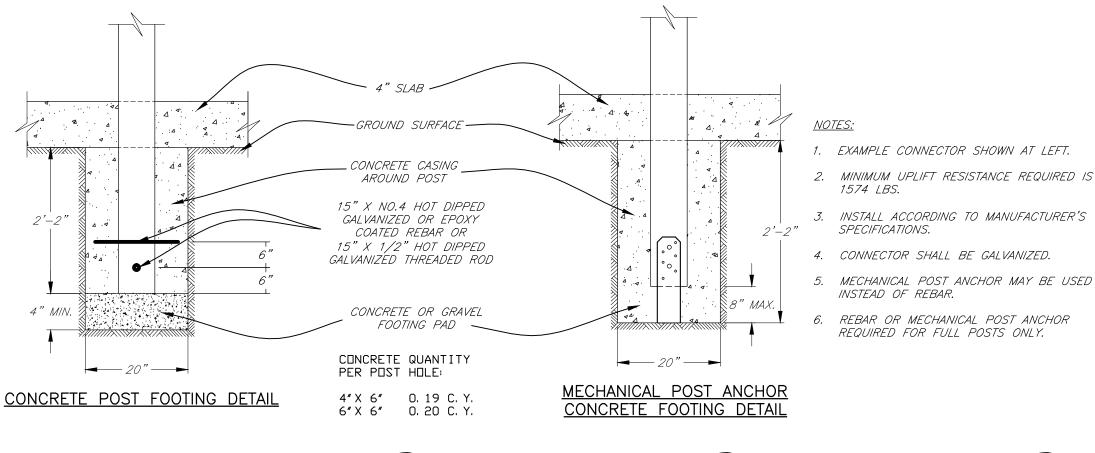
HURRICANE CLIP CONNECTIONS WITHOUT POSTS)

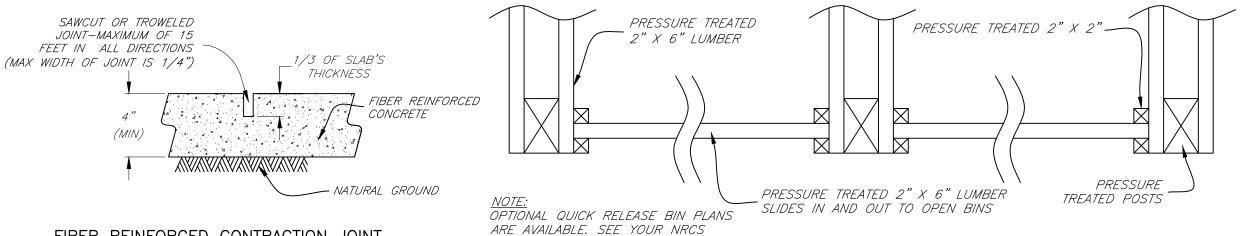






Sheet 5





REPRESENTATIVE FOR DETAILS.

WOOD TREATMENT TABLE

MINIMUM RETENTION RATES IN PCF					
USE	CCA	ACQ-C/D	CBA-A	CA-B	MCA
GROUND CONTACT OR FRESH WATER	0.40	0.40	0.41	0.21	0.15
IMPORTANT STRUCTURAL MEMBERS	0.60	0.60	0.61	0.31	0.23

CCA - CHROMATED COPPER ARSENATE ACQ-C/D - ALKALINE COPPER QUATERNARY CBA-A & CA-B - COPPER AZOLE MCA - MICRONIZED COPPER AZOLE

FIBER REINFORCED CONTRACTION JOINT

NOTES:

1. ALL WOODEN WALLS, HALF POSTS, AND BIN FRONT WOOD SHALL MEET THE GROUND CONTACT RATES.

STANDARD BIN FRONT - TOP VIEW

2. ALL SUPPORT POSTS SHALL MEET THE IMPORTANT STRUCTURAL MEMBER RATES.